CUI Devices is now Same Sky! Learn More

MODEL: CES-703116-28PM | DESCRIPTION: SPEAKER

FEATURES

- cloth and paper cones
- 4 screw holes for mounting
- 420 mm lead wire
- connector

RoHS

SPECIFICATIONS

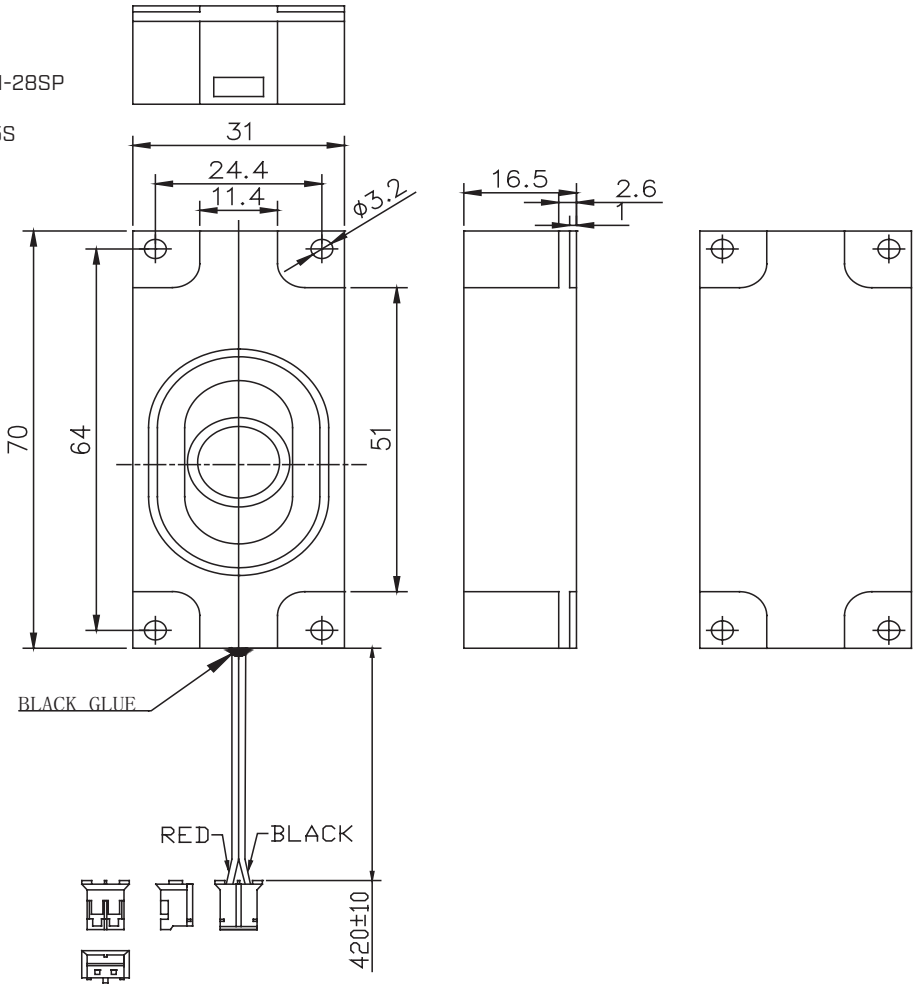
parameter	conditions/description	min	typ	max	units
input power	max power: 1 minute on, 2 minutes off, 10 cycles		2.0	3.0	W
impedance	at 1.0 kHz, 0.89 Vrms	6.8	8.0	9.2	Ω
resonant frequency (Fo)	at 0.89 Vrms	568	710	852	Hz
frequency response		Fo		20,000	Hz
sound pressure level	at 2 W, 10 cm, avg at 0.8, 1.0, 1.18, 1.5 kHz	99	102	105	dB
distortion	at 2.0 kHz, rated power, 10 cm			10	%
buzz, rattle, etc.	must be normal at sine wave, 200~20,000 Hz			4.0	V
polarity	cone moves forward w/ positive dc current to “+” terminal				
dimensions	70 x 31 x 16.5				mm
magnet	Nd-Fe-B				
enclosure material	ABS				
cone material	paper + cloth				
terminal	wire leads w/ connector				
weight			21		g
operating temperature		-20		60	°C
storage temperature		-30		70	°C
RoHS	yes				

Notes: 1. All specifications measured at 15~35°C, humidity at 45~85%, under 86~106 kPa pressure, unless otherwise noted.

MECHANICAL DRAWING

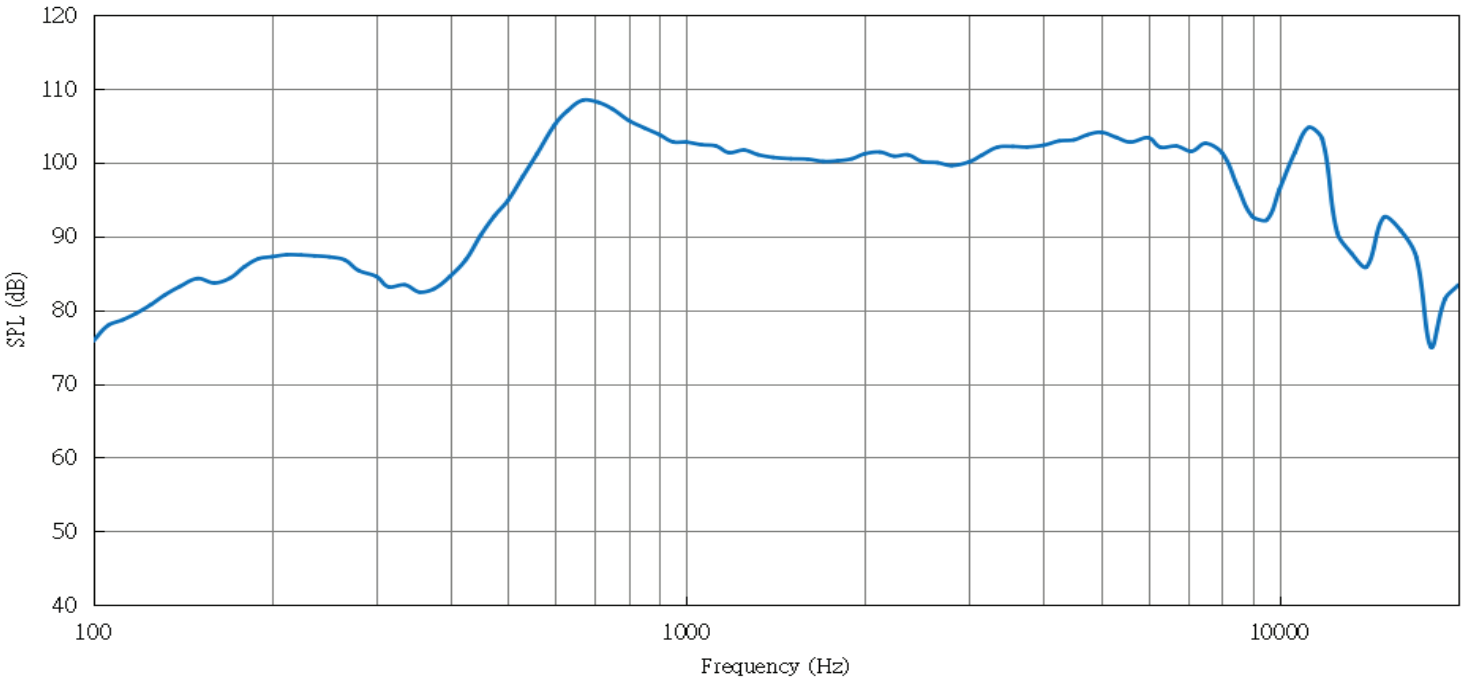
units: mm
tolerance: ±0.5 mm

wire: UL1007 26 AWG
internal speaker: CMS-402811-28SP
connector: JST PHR-2
terminal: JST SPH-002T-P0.5S

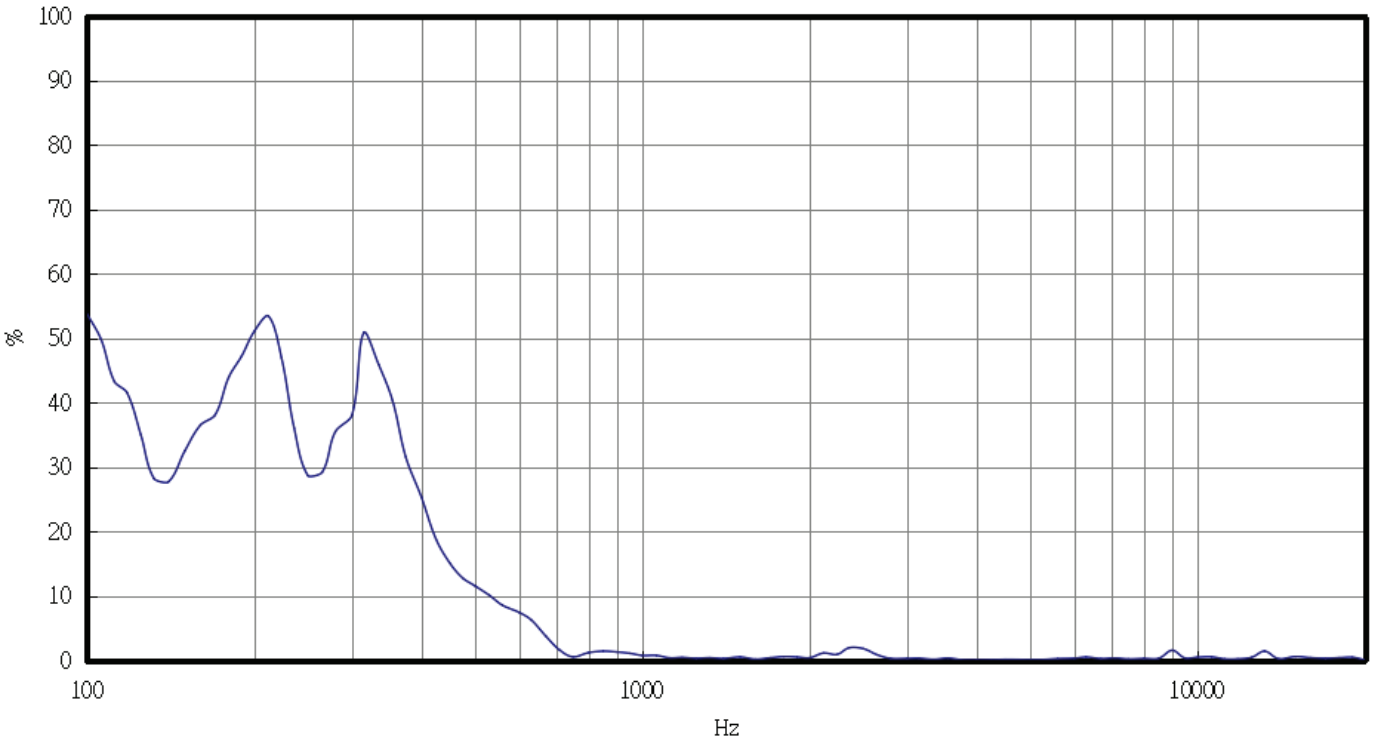


RESPONSE CURVES

Frequency Response Curve



Total Harmonic Distortion Curve



REVISION HISTORY

rev.	description	date
1.0	initial release	11/05/2019
1.01	added internal speaker details	03/12/2020
1.02	logo, datasheet style update	08/05/2022
1.03	CUI Devices rebranded to Same Sky	09/11/2024
1.04	updated datasheet	03/19/2025

The revision history provided is for informational purposes only and is believed to be accurate.

same sky

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